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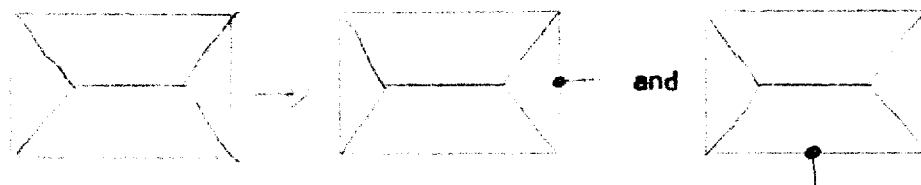
September 14, 1965

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Dr. Roald Hoffmann
Department of Chemistry
Cornell University
Ithaca, New York

Dear Dr. Hoffmann:

If I am not mistaken about your inquiry, the recitation of the graphs for radicals, etc., can be derived directly from the set of trivalent graphs. Identify each distinctive edge of the graphs and plant a node on it. E.G. from the prism, there are two kinds of edges:



You can probably do this readily by hand from the lists, as far as you would want to go. However, we have computed all the symmetries of the graphs through $n=12$, from which the identification of distinctive edges follows directly -- just call out if need.

Sincerely yours,

Joshua Lederberg
Joshua Lederberg
Professor of Genetics

JL:elf

R. Hoffmann